

Title (en)
HINGE

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Application
EP 91907281 A 19910327

Priority
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Abstract (en)
[origin: WO9115646A1] A hinge (1) for hinged elements (2 and 3) has a hinged mechanism including a pair of connecting elements (4, 5) intended for their fastening to the corresponding hinged elements (2 and 3) and interconnected by levers (6 and 7). The levers (6 and 7) are mounted with the possibility of mutual displacement in parallel planes on rotation axes (8, 9' and 8', 9) mounted on the connecting elements (4, 5). The levers (6, 7) have the same length between their rotation axes (8, 9' and 8', 9), and the locus of points, which during the mutual rotation of the connecting elements (4 and 5) is obtained by the intersection of the longitudinal axes (F1F2 and F3F4) of the levers (6 and 7) on a plane parallel to the plane of movement of the levers, forms an elliptic curve.

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E05D 3/08; **E05F 1/12**

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CPC (source: EP)
E05D 3/08 (2013.01); **E05D 3/14** (2013.01); **E05F 1/1223** (2013.01); **E05F 1/1253** (2013.01)

Citation (search report)
• [X] FR 1293576 A 19620518 - ILE D ETUDES ET DE RECH S TECH
• [A] DE 2818735 A1 19791108 - PRAEMETA
• [X] GB-A-Q5334 (MUSSELWHITE ET AL)
• See also references of WO 9115646A1

Cited by
WO9835120A1; US7565720B1; DE19704490C1; US6073673A

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